

Serial No. 10/696,996
Amdt. dated April 16, 2007
Reply to Office Action of December 15, 2006

Docket No. HI-0184

Listing of Claims

1-4 (Canceled)

5. (Currently Amended) A plasma display panel, comprising:
 - a panel;
 - a ~~film type~~ front surface filter disposed directly on a front surface of the panel to have a wider area than the panel;
 - a back cover disposed at a rear surface of the panel;
 - a filter support for electrically connecting the ~~film type~~ front surface filter with the back cover;
 - a support member disposed to encompass a portion of the ~~film type~~ front surface filter and the filter support, and connected to the back cover; and
 - a metallic layer formed on an extending portion of the ~~film type~~ front surface filter, wherein the extending portion does not overlap with the panel and is located between the filter support and the support member.
6. (Original) The plasma display panel of claim 5, wherein the metallic layer is formed between the filter support and the support member.

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7. (Currently Amended) The plasma display panel of claim 6, wherein the metallic layer is electrically connected with the ~~film type~~ front surface filter and the filter support.

8. (Original) The plasma display panel of claim 6, wherein the filter support has a plurality of protrusions on a surface connected with the metallic layer.

9. (Original) The plasma display panel of claim 6, wherein the metallic layer, the filter support and the support member respectively have at least one hole and a screw disposed to pass through the hole such that the metallic layer, the filter support and the support member being fixed to one another.

10. (Currently Amended) A plasma display panel, comprising:
a panel having an upper substrate and a lower substrate for displaying an image;
a ~~film type~~ front surface filter formed directly on a front surface of the panel;
a back cover spaced from and disposed in a backward portion of the panel to cover the backward portion of the panel;
a front cover spaced from and disposed in a forward portion of the ~~film type~~ front surface filter to cover at least part of the ~~film type~~ front surface filter;

a filter support, disposed between the ~~film type front surface filter and the back cover or between the film type front surface filter and the front cover~~, to physically support the ~~film type~~ front surface filter and electrically connect the ~~film type~~ front surface filter with at least one of the back cover or the front cover; and

a first conductive layer formed between the end portion of the ~~film type~~ front surface filter and the filter support to electrically connect the ~~film type~~ front surface filter and the filter support.

11. (Previously Presented) The plasma display panel as claimed in claim 10, wherein the first conductive layer comprises a metallic mesh layer.

12. (Previously Presented) The plasma display panel as claimed in claim 10, wherein the first conductive layer comprises an EMI shielding layer.

13. (Previously Presented) The plasma display panel as claimed in claim 10, wherein a second conductive layer is further disposed between the first conductive layer and the filter support.

14. (Currently Amended) The plasma display panel, comprising:
- a panel having an upper substrate and a lower substrate;
 - a ~~film type~~ front surface filter disposed directly on a front surface of the panel, the ~~film type~~ front surface filter having a wider area than that of the panel so that the ~~film type~~ front surface filter has an extended portion in at least part thereof beyond the edges of the panel;
 - a back cover spaced from and disposed in a backward portion of the panel to cover the backward portion of the panel;
 - a filter support disposed between the ~~film type~~ front surface filter and the back cover to physically support the ~~film type~~ front surface filter and electrically connect the ~~film type~~ front surface filter with the back cover; and
 - a first conductive layer formed between the extended portion of the ~~film type~~ front surface filter and the filter support to electrically connect the ~~film type~~ front surface filter and the filter support.

15. (Currently Amended) The plasma display panel as claimed in claim 14, wherein the plasma display panel further comprise a front cover spaced from and disposed in a forward portion of the ~~film type~~ front surface filter to cover at least part of the ~~film type~~ front surface filter.

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16. (Currently Amended) The plasma display panel as claimed in claim 15, wherein the extended portion of the ~~film type~~ front surface filter is connected with the front cover.

17. (Currently Amended) The plasma display panel as claimed in claim 16, wherein a second conductive layer is further disposed between the extended portion of the ~~film type~~ front surface filter and the front cover.

18. (Previously Presented) The plasma display panel as claimed in claim 16, wherein a second conductive layer comprises at least one of a fringe spring gasket or a shielding foam gasket.

19. (Previously Presented) The plasma display panel as claimed in claim 16, wherein the filter support has a plurality of protrusions on a surface thereof which is contacted with the first conductive layer.

20. (Currently Amended) The plasma display panel as claimed in claim 19, wherein the plasma display panel further comprises at least one fastener means for physically connecting the front cover and the filter support with the ~~film type~~ front surface filter.

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21. (Previously Presented) The plasma display panel as claimed in claim 20, wherein the fastener means comprises at least one screw and hole through which the screw is inserted.

22. (Currently Amended) The plasma display panel as claimed in claim 14, wherein the first conductive layer comprises an EMI shielding layer of the ~~film type~~ front surface filter.

23. (Previously Presented) The plasma display panel as claimed in claim 22, wherein the EMI shielding layer comprises a metallic mesh layer.

24. (Currently Amended) The plasma display panel as claimed in claim 14, wherein the ~~film type~~ front surface filter comprises at least one member selected from a group of an AR layer, a NIR layer, a light characteristic film, and a NIR shield film.

25. (Currently Amended) The plasma display panel as claimed in claim 10, wherein the ~~film type~~ front surface filter comprises at least one member selected from a group of an AR layer, a NIR layer, a light characteristic film, and a NIR shield film.

26. (Previously Presented) The plasma display panel as claimed in claim 10, wherein a second conductive layer comprises at least one of a fringe spring gasket or a shielding foam gasket.

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27. (Currently Amended) The plasma display panel as claimed in claim 10, wherein the ~~film type~~ front surface filter does not include a glass layer.

28. (Currently Amended) The plasma display panel as claimed in claim 14, wherein the ~~film type~~ front surface filter does not include a glass layer.

29. (Currently Amended) A plasma display panel, comprising:

- a panel;
- a ~~film type~~ front surface filter disposed directly on a front surface of the panel to have a wider area than the panel;
- a back cover disposed at a rear surface of the panel;
- a filter support for electrically connecting the ~~film type~~ front surface filter with the back cover;
- a support member disposed to encompass a portion of the ~~film type~~ front surface filter and the filter support, and connected to the back cover; and
- a metallic layer, which does not overlap with the panel, formed on the ~~film type~~ front surface filter.

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30. (Previously Presented) The plasma display panel of claim 29, wherein the metallic layer is formed between the filter support and the support member.

31. (Currently Amended) The plasma display panel of claim 30, wherein the metallic layer is electrically connected with the ~~film type~~ front surface filter and the filter support.

32. (Previously Presented) The plasma display panel of claim 30, wherein the filter support has a plurality of protrusions on a surface connected with the metallic layer.

33. (Previously Presented) The plasma display panel of claim 30, wherein the metallic layer, the filter support, and the support member respectively have at least one hole and a screw disposed to pass through the hole such that the metallic layer, the filter support, and the support members are fixed to one another.

34. (Previously Presented) A plasma display panel, comprising:
a panel;
a front surface filter formed directly on a front surface of the panel;
a first metallic layer formed on a prescribed area of a front surface of the front surface filter;

a back cover disposed at a rear surface of the panel;
a front cover disposed at the front surface of the front surface filter; and
a filter support formed on a front surface of the first metallic layer for electrically connecting the front surface filter with the back cover or the front cover.

35. (Previously Presented) The plasma display panel of claim 34, wherein the first metallic layer is further formed on a lateral face of the front surface filter.

36. (Previously Presented) The plasma display panel of claim 34, wherein a second metal layer is further disposed between the first metal layer and the filter support.

37. (Previously Presented) The plasma display panel of claim 34, wherein the front surface filter is a film type front surface filter.

38. (Previously Presented) The plasma display panel of claim 34, wherein the prescribed area corresponds to an area not overlapping with the panel.

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39. (Previously Presented) A plasma display panel, comprising:
 - a panel;
 - a front surface filter formed directly on a front surface of the panel;
 - a metallic layer formed on a prescribed area of a front surface, a rear surface, and a lateral face of the front surface filter;
 - a back cover disposed at a rear surface of the panel;
 - a front cover disposed at the front surface of the front surface filter; and
 - a filter support formed on the metallic layer for electrically connecting the front surface filter with the back cover or the front cover.
40. (Currently Amended) The plasma display panel of claim 3839, wherein the front surface filter is a film type front surface filter.
41. (Currently Amended) The plasma display panel of claim 3839, wherein the prescribed area corresponds to an area not overlapping with the panel.
42. (Previously Presented) The plasma display panel of claim 5, wherein the filter contacts the panel such that the filter is provided on the panel.

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43. (Previously Presented) The plasma display panel of claim 14, wherein the filter contacts the panel such that the filter is provided on the panel.

44. (Previously Presented) The plasma display panel of claim 29, wherein the filter contacts the panel such that the filter is provided on the panel.

45. (Previously Presented) The plasma display panel of claim 5, wherein the extending portion does not overlap with the panel

46. (Currently Amended) The plasma display panel of claim 5, wherein the film type front surface filter does not include a glass layer.

47. (Currently Amended) The plasma display panel of claim 29, wherein the film type front surface filter does not include a glass layer.

48. (Previously Presented) The plasma display panel of claim 34, wherein the front surface filter does not include a glass layer.

49. (Previously Presented) The plasma display panel of claim 39, wherein the front surface filter does not include a glass layer.

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50. (New) The plasma display panel of claim 5, wherein the front surface filter is formed from multiple layers and wherein the filter support is located between all layers of the front surface filter and the back cover.

51. (New) The plasma display panel of claim 50, wherein the metallic layer is not included in the layers of the front surface filter.

52. (New) The plasma display panel of claim 51, wherein the metallic layer does not overlap the panel.

53. (New) The plasma display panel of claim 5, wherein the metallic layer does not overlap the panel.

54. (New) The plasma display panel of claim 5, wherein the metallic layer is separate from the front surface filter.

55. (New) The plasma display panel of claim 5, wherein the filter support is not connected to the support member.

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56. (New) The plasma display panel of claim 5, wherein the front surface filter is a film-type filter.

57. (New) The plasma display panel of claim 5, wherein the extending portion of the front surface filter has a first width and the metallic layer has a second width less than the first width.

58. (New) The plasma display panel of claim 10, wherein the front surface filter is a film-type filter.

59. (New) The plasma display panel of claim 14, wherein the front surface filter is a film-type filter.

60. (New) The plasma display panel of claim 29, wherein the metallic layer is located between the filter support and the front surface filter.

61. (New) The plasma display panel of claim 29, wherein the front surface filter is a film-type filter.

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62. (New) The plasma display panel of claim 34, wherein the filter support is disposed between the front surface filter and the front cover.

63. (New) The plasma display panel of claim 39, wherein the filter support is disposed between the front surface filter and the front cover